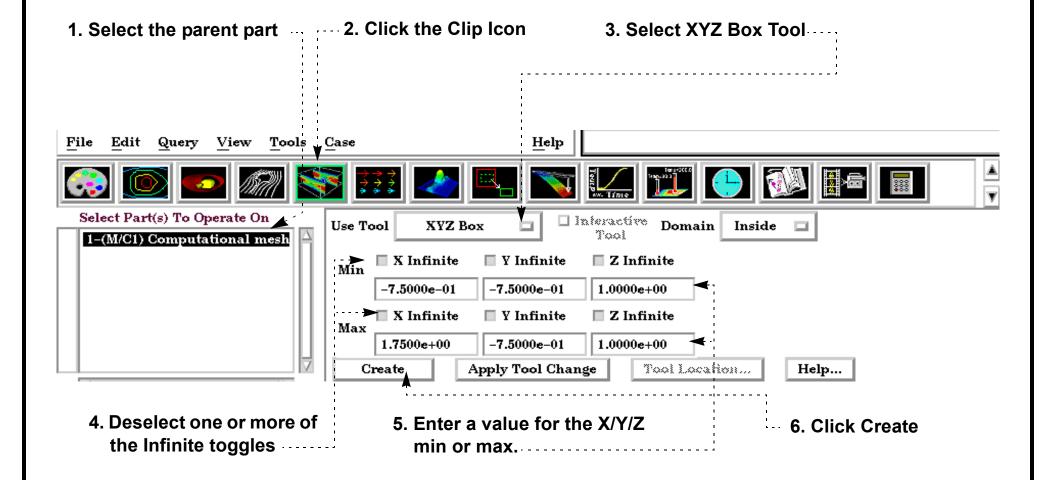
Create XYZ Box Clips

INTRODUCTION

An XYX box clip is a 3D volumetric hexahedral clip, yielding essentially a "field of interest". This clip can produce a part containing all elements lying completely within the defined box, all elements lying outside or partially outside the box, or both of these inside and outside parts. The user controls the box location in space, and any of the directions can be treated as infinite. Be aware that this clip option performs a simple inside/outside test, thus the part boundaries can be jagged.

BASIC OPERATION



Note that you can modify the box planes at any time. If you modify any of the numeric values, remember to press return for the change to take effect. Consider using the detail editor if you need to modify several of the plane locations. If so, turn off Immediate Modification mode (Edit->Immediate Modification from the Detail editor), make the needed modifications, then click Apply Changes in the lower right corner of the Detail editor.

SEE ALSO

Introduction to Part Creation

Other clips:

How to Create Clip Lines
How to Create Clip Planes
How to Create Quadric Clips
How to Create IJK Clips

How to Create XYZ Clips.

User Manual: Clip Create/Update